## **ABSTRACT OF THE INVENTION**

2	Methods and apparatus for beverage dispensing are provided with a carbonator (12) that
3	includes a plurality of hydrophobic hollow fibers (32). A pre-cabonation circuit (28) may
4	also be included. A water treatment system (14) may be used to supply water to the
5	carbonator (12) and/or the pre-carbonation circuit (28).